

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 57043405  
PUBLICATION DATE : 11-03-82

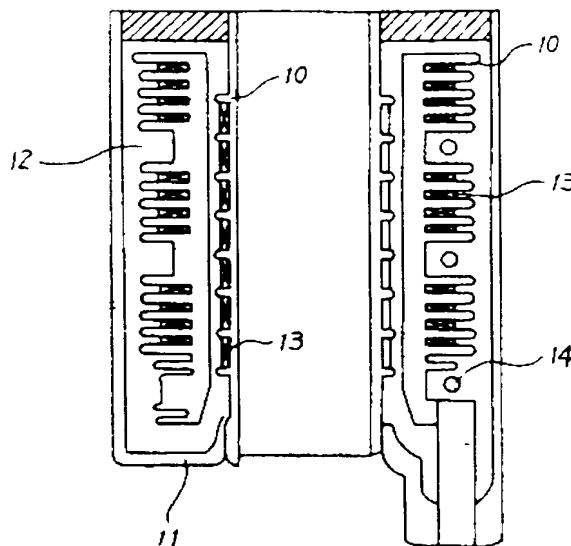
APPLICATION DATE : 29-08-80  
APPLICATION NUMBER : 55118331

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INT.CL. : H01F 19/04 H01F 5/06 H01F 15/02  
H01F 41/12

TITLE : MANUFACTURE OF MOLDED  
FLYBACK TYPE TRANSFORMER



ABSTRACT : PURPOSE: To enhance the withstand voltage characteristics and the reliability of a molded flyback transformer FBT by insulating the FBT with unsaturated polyester resin composition having preferable adherence of the bobbin, case and charger of the FBT with cured resin composition, thereby preventing the exfoliation of the parts from the molded resin.

CONSTITUTION: Unsaturated polyester resin composition mixed with more than 2 parts by weight (preferably 3.5~10 parts by weight) of organic peroxide in 100 parts by weight of base resin (transparent resin) is molded for a flyback transformer FBT manufactured with a bobbin and a case and molded with polybutyleneterephthalate mixed with 2~10% by weight of carbon black. In this manner excessive (more than 2 parts by weight) organic peroxide performs radical reaction with carbon black-mixed polybutyleneterephthalate, thereby improving the adherence of the resin with the polybutyleneterephthalate and preventing the exfoliation of the parts from the molded resin.

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